

ETHYLENE TRIMERIZATION CATALYST AND METHOD FOR TRIMERIZING ETHYLENE USING THE SAME

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Abstract of JP2002045703

PROBLEM TO BE SOLVED: To efficiently and highly selectively produce 1-hexene from ethylene.

SOLUTION: This ethylene trimerization catalyst comprises a chromium complex coordinated with a neutral multidentate ligand having a tripod type structure, represented by formula (1) $ACrB_n$ (wherein n is an integer of 1 to 3; A is a neutral multidentate ligand having a tripod type structure; Cr is a chromium atom; and B is one or more kinds selected from a group consisting of a hydrogen atom, a halogen atom, and a linear or branched alkyl), an alkyl metal compound, and an olefin compound.

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